

Amendments to the Specification

Please replace the paragraph starting on page 5, line 1 with the following:

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Fig. 2 is an exemplary diagram of a use for the emitter 50 of Fig. 1. In this application, the electron emission 16 is focused by an electrostatic focusing device or lens 28, exemplified as an aperture in a conductor that is set at predetermined voltage 36 that can be adjusted to change the focusing effect of the lens 28. Those skilled in the art will appreciate that lens 28 can be made from more than one conductor layer to create a desired focusing effect. The electron emission 16 is focused by lens 28 into a focused beam 32 onto an anode structure 30. The anode structure 30 is set at an anode voltage V_a 26 which magnitude varies for an application depending on the intended use and the distance from the anode structure 30 to the emitter 50. For instance, with anode structure 30 being a recordable medium for a storage device, V_a might be chosen to be between 500 and 1000 Volts. The lens 28 focuses the electron emission 16 by forming an electric field 34 within its aperture. By being set at a proper voltage from V_e , the electrons emitted from the emitter 50 are directed to the center of the aperture and then further attracted to the anode structure 30 to form the focused beam 32.

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